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(54) OPTICAL DISK DEVICE AND ACCESS METHOD OF OPTICAL DISK

(57) Abstract:

PROBLEM TO BE SOLVED: To securely record data with a high transmission rate such as video data in real time and in a simple configuration by receiving the amount of data for allowing slipping processing, and by performing slipping processing within the range of the amount of data.

SOLUTION: A drive controller receives a control command, and further acquires the number of sectors where slipping can be made or the like. The recording of AV data is started in a physical sector corresponding

to a leading logic sector number. When a state where the data cannot be easily and properly recorded is detected, the address of a logical sector that follows the logical sector where an error is detected and can be recorded is detected. When a detected logic address continues to the logic address of the sector that has been recorded, it is judged whether or not the number of sectors being subjected to slipping is equal to or less than the number of sectors where the slipping can be made. In this case, when an affirmative result is obtained, the data for recording at the sector where an error is detected is rerecorded into the logic sector following the logic sector where the error is detected.

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